

**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
STUDY PLAN**

Study ID code	CAPMC-T-0221-CP	
Title	Evaluation of native NPS plants for use in the restoration of disturbed NPS lands	
National Project No.	Critical area 1.1	
Study Type	AE	
Study status	Active	
Location	CAPMC	
Study Leader	David Dyer, CAPMC	
Duration	2002 - 2005	
Cooperators	NPS	
Land Use	Wildland	
Vegetative Practices	Primary	342 Critical area planting
	Secondary	645 Upland wildlife habitat management
Resource concerns	<u>Resource</u>	<u>Consideration/Problem</u>
	Soil	Restoration, soil erosion
	Animals	Wildlife
	Plants	Native species
Long Range Plan	Study falls under Section IV, Part 1 and 4 of the CA PM LRP	
Description	USDI-NPS contract to increase seed and determine best seed production methods	
Status of Knowledge	Improved plant materials do not exist in large quantities for restoration and erosion control of disturbed sites.	
Experimental Design	Plot evaluations at field sites	
Treatment 1	Title: Evaluate for production performance Description: Evaluate NPS seed production fields at the PMC for mechanical harvest and seed cleaning abilities.	
Materials and Methods	Samples of seed cleaned and assembled form NPS collections. Seed will be assembled in 2003. Small lot increases will be placed on landscape fabric for weed	

control and seed harvest. Large increase lots will be planted (seeded or transplanted) at 30" row spacing. In regards to each species, seed maturity and harvest methods will be evaluated. Seed cleaning methods will be determined.

Final Evaluations

None

**Technology Transfer
Products**

TechNote, foundation seed

Literature Cited

There is a need for NPS native plant species which can be used for restoration of road cuts on NPS lands which will lead to the improvement of habitat.

Keywords

Native species, restoration, native grass, erosion control

**Review by:
Approvals:**

CA. State Plant Materials Committee
As per approval of CAPMC Business Plan